

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 4 | ((MARTIN) near2 (AGAN)). INV. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/02/04 12:02 |
| S2 | 632 | 348/362.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:07 |
| S3 | 0 | 348/362.ccls. and integration time near2 imager near5 CMOS same global same mechanical shutter same rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:09 |
| S4 | 1 | 348/362.ccls. and integration time same imager same CMOS same global same mechanical shutter same rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:09 |
| S5 | 1 | integration time same imager same CMOS same global same mechanical shutter same rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:10 |
| S6 | 1 | integration time same imager same CMOS same global same shutter same rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:10 |
| S7 | 1 | integration time same CMOS same global same shutter same rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:10 |
| S8 | 2 | integration time and CMOS and global and shutter and rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:10 |

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|-----|-----|---|---|-----|-----|---------------------|
| S9 | 2 | integration (period or time) and CMOS and global and shutter and rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:14 |
| S10 | 2 | integration and CMOS and global and shutter and rolling readout | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:14 |
| S11 | 221 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/02/04 12:15 |
| S13 | 2 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (open\$4 near5 mechanical shutter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:16 |
| S14 | 6 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (open\$4 near5 shutter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:16 |
| S15 | 60 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (shutter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:17 |
| S16 | 2 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (shutter) and reset near5 photoconversion near5 integration | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:18 |
| S17 | 59 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (shutter) and reset | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:19 |
| S18 | 52 | pixel sensor cell near5 (image sensor or CMOS or CCD or Imager) and (shutter) and reset and accumulat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:21 |

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| S19 | 18970 | integration period or integration time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:21 |
| S20 | 18970 | (integration period or integration time) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:22 |
| S21 | 3351 | (integration period or integration time) and CMOS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:22 |
| S22 | 1063 | (integration period or integration time) and CMOS and Shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:22 |
| S23 | 411 | (integration period or integration time) near5 Shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 12:23 |
| S24 | 71 | charge collection near5 floating diffusion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:22 |
| S25 | 46 | (charge collection near5 floating diffusion) and CMOS image sensor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:22 |
| S26 | 40 | (charge collection near5 floating diffusion) and CMOS image sensor and pixel sensor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:23 |
| S27 | 0 | (charge collection near5 floating diffusion) and CMOS image sensor and pixel sensor and reset ans transfer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:23 |

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| S28 | 39 | (charge collection near5 floating diffusion) and CMOS image sensor and pixel sensor and reset and transfer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:23 |
| S29 | 2 | "7253392".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/04 13:42 |
| S30 | 14 | ("20040089883" "5128735" "5313080" "5625210" "6040593" "6140630" "6204524" "6310366" "6326652" "6333205" "6376868" "6566697" "6809309" "6835590").PN. OR ("7253392").URPN. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/02/04 14:06 |
| S31 | 1449 | 348/308.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 12:56 |
| S32 | 3 | "20020021364" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:12 |
| S33 | 91 | 348/308.ccls. and mechanical same shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:18 |
| S34 | 0 | simultaneous\$1 adj4 reset\$4 adj4 pixel adj4 array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:19 |
| S35 | 1 | simultaneous\$1 adj4 reset\$4 adj4 pixel adj4 array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:19 |

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| S36 | 10 | simultaneous\$3 adj4 reset\$4 adj4 pixel adj4 array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:20 |
| S37 | 66 | ("4471228" "4597012" "4937674" "4945418" "5262871").PN. OR ("5541654").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/31 13:22 |
| S38 | 373 | reset\$4 adj4 pixel adj4 array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:24 |
| S39 | 204 | reset\$4 adj4 pixel adj4 array and simultaneous\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:25 |
| S40 | 40 | reset\$4 adj4 pixel adj4 array same simultaneous\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:25 |
| S41 | 70 | (reset\$4 adj4 pixel adj4 array) same (simultaneous\$3 or global\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:31 |
| S42 | 23 | (reset\$4 adj4 pixel adj4 array) same (simultaneous\$3 or global\$3) and mechanical and shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:32 |
| S43 | 1563 | (simultaneous\$3 or global\$3) same mechanical same shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:41 |
| S44 | 16 | S43 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:41 |

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| S45 | 3 | timing control same (global\$4 or simultaneous\$4) same reset \$4 same mechanical and shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:44 |
| S46 | 0 | rolling out same mechanical same shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:46 |
| S47 | 10 | rolling adj4 read\$4 same mechanical same shutter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 13:46 |
| S48 | 1 | 2004/0196398 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 15:56 |
| S49 | 3 | "20040196398" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 15:56 |
| S50 | 35 | ("20040227831" "4973833" "5235197" "5241575" "5289286" "6133563" "6323479" "6355965" "6734907" "6831691" "6836291" "6867409" "6958775" "6967682" "6999122" "7009649" "7045753").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:17 |
| S51 | 17 | (simultaneous\$3 or global\$3) same mechanical same shutter and (348/308.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:25 |
| S52 | 281 | Eric adj2 Fossum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:29 |

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| S53 | 124 | Eric adj2 Fossum and (global\$4 or simultaneous\$3) near3 pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:31 |
| S54 | 0 | (Eric adj2 Fossum).in. and (global\$4 or simultaneous\$3) near3 pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:32 |
| S55 | 0 | (Eric adj2 Fossum).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:32 |
| S56 | 205 | (Eric near2 Fossum).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:32 |
| S57 | 35 | (Eric near2 Fossum).in. and (global\$4 or simultaneous\$3) near3 pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:32 |
| S58 | 28 | ("5614744" "5912483" "6051447" "6146939" "6150683" "6232626" "6339248" "6352869" "6392263" "6545302" "6565846" "6670990" "6677676").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:43 |
| S59 | 5 | "6542194" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:48 |
| S60 | 4 | S58 and reset near3 pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:54 |
| S61 | 4 | S58 and reset\$4 near3 pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:54 |

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| S62 | 5 | S58 and reset\$4 near3 (pixel or array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 16:54 |
| S63 | 2 | "20070145447" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 17:03 |
| S64 | 1 | 2004/0196398 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 17:04 |
| S65 | 3 | "20040196398" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/31 17:04 |
| S66 | 6833 | mechanical\$3 adj4 shutter | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:01 |
| S67 | 200 | (simultaneous\$3 adj4 pixel\$3) near5 reset\$4 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:02 |
| S68 | 86 | (simultaneous\$3 adj4 pixel\$3) near5 reset\$4 and CMOS | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:02 |
| S69 | 4115 | (golobal or simultaneous\$3) adj4 reset | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:03 |
| S70 | 51 | S66 and S69 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:03 |
| S71 | 86 | (simultaneous\$3 adj4 pixel\$3) near5 reset\$4 and (CMOS or Complementary Metal Oxide Semiconductor) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 13:45 |
| S72 | 1 | "5767904".pn. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:50 |
| S73 | 1 | "4686572".pn. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:51 |
| S74 | 1 | "5128767".pn. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:51 |
| S75 | 1 | "6542194".pn. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:51 |
| S76 | 4 | S72 or S73 or S74 or S75 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:51 |

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| S77 | 160 | (simutaneous\$3 or global) same reset\$ near3 (photoconversion or photo conversion or photodiode or pixel) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:53 |
| S78 | 138 | (simutaneous\$3 or global) same reset\$ near3 (photoconversion or photo conversion or photodiode or pixel) and CMOS | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:53 |
| S79 | 26 | (simutaneous\$3 or global) same reset\$ near3 (photoconversion or photo conversion or photodiode or pixel) same CMOS | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:53 |
| S80 | 26 | (simutaneous\$3 or global) same reset\$ near3 (photoconversion or photo conversion or photodiode or pixel) and CMOS and (rolling shutter or focal plane shutter or mechanical shutter) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:55 |
| S81 | 9 | rolling readout and (mechanical shutter or global shutter) and CMOS | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 15:59 |
| S82 | 19 | ("4984088" "5101270" "5247367" "5262871" "5303052" "5341220" "5345266" "5410348" "5541402" "5541654" "5835956" "6141048").PN. OR ("6515701").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:06 |
| S83 | 18786 | controll\$ same (integration or exposure)adj3 (time or period) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:12 |
| S84 | 9 | rolling readout and (mechanical shutter or global shutter) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:12 |
| S85 | 1130 | readout and (mechanical shutter or global shutter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/01 16:12 |
| S86 | 294 | S83 and S85 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/01 16:13 |

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| S87 | 156 | S83 and S85 and CMOS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/01 16:13 |
| S88 | 686 | (simutaneous\$3 or global) and reset\$ near3 (photoconversion or photo conversion or photodiode or pixel) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:13 |
| S89 | 2274 | (simutaneous\$3 or global) adj5 reset\$3 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:13 |
| S90 | 63 | S89 and S85 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:14 |
| S91 | 22 | S89 and S87 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:14 |
| S92 | 12 | rolling readout | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:25 |
| S93 | 1 | "6784930" | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/04/01 16:32 |
| S94 | 899 | CMOS same reset\$4 adj4 pixels | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/01 16:39 |
| S95 | 6 | CMOS same Global reset\$4 adj4 pixels | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/01 16:40 |
| S96 | 49 | ("3836862" "4249122" "4463383" "4466018" "4585956" "4676761" "4794247" "5043820" "5083016" "5296696" "5345266" "5471515" "5541402" "5576763" "5587596" "5608243" "5710446" "6054704" "6130423" "6157016" "6163023" "6166767" "RE34908").PN. OR ("6493030").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:53 |
| S97 | 33356 | (open\$3 and clos\$4) near5 shutter | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:55 |
| S98 | 33275 | (open\$3 and clos\$3) near5 shutter | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:55 |
| S99 | 35 | S98 and S89 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:56 |
| S100 | 1 | 10/662445 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:58 |

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|------|------|--|---------------------------|-----|----|---------------------|
| S101 | 1 | 10/662445 and simultaneous \$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/01 16:58 |
| S102 | 50 | global adj3 reset same CMOS | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:24 |
| S103 | 50 | global\$4 adj3 reset\$4 same CMOS | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:24 |
| S104 | 44 | "6,084,229" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:25 |
| S105 | 28 | "6,084,229" and (global\$4 or simultaneous\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:26 |
| S106 | 10 | "6,084,229" and (global\$4 or simultaneous\$4) adj3 reset\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:26 |
| S107 | 1 | "6084229".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:28 |
| S108 | 1 | "6084229".pn. and reset\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:28 |
| S109 | 20 | ("5296696" "5471515" "5493423" "5528643" "5665959").PN. OR ("6084229").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:29 |
| S110 | 6891 | (global\$4 or simultaneous\$4) adj3 reset\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:31 |
| S111 | 1401 | (global\$4 or simultaneous\$4) adj3 reset\$4 and CMOS | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:31 |
| S112 | 1401 | S111 and @pd<="200030916" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:31 |
| S113 | 563 | S111 and @pd<="20030916" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:32 |
| S114 | 1425 | Global reset | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:46 |
| S115 | 44 | Global reset same CMOS | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 14:46 |
| S116 | 83 | Global reset\$4 same (CMOS or imag\$4 adj2 sens\$4 or CCD or imager) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:05 |
| S117 | 85 | Global\$4 reset\$4 same (CMOS or imag\$4 adj2 sens\$4 or CCD or imager) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:05 |
| S118 | 345 | Global\$4 adj2 (reset\$4 or shutter) same (CMOS or imag\$4 adj2 sens\$4 or CCD or imager) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:16 |
| S119 | 345 | (Global\$4 or simultaneous\$3) adj2 (reset\$4 or shutter) same (CMOS or imag\$4 adj2 sens\$4 or CCD or imager) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:17 |
| S120 | 17 | (Global\$4 or simultaneous\$3) adj2 (reset\$4 or shutter) same (CMOS or imag\$4 adj2 sens\$4 or CCD or imager) and @pd<="20030916" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:17 |

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|------|----|--|---------------------------|-----|----|---------------------|
| S121 | 21 | (Global\$4 or simultaneous\$3) adj3 (reset\$4 or shutter) same (blur\$4 or (fast adj4 mov\$3)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:43 |
| S122 | 1 | "6005619".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 15:57 |
| S123 | 1 | "20040081446" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 16:16 |
| S124 | 1 | "20020030152" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/02 18:43 |

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 \ Application_10662445New.wsp**